Lights For a Small Studio Set-Up
(LED Strip Lights - 12 VDC)

I had this idea to use two LED strip light fixtures for a small studio setup for working with Paper Negative Experiments. When I was rebuilding my "pop-up camper" I installed all LED (Light Emitting Diode) lighting. And a few more for extra illumination over the table in the "dinning area" table. I went to "Amazon" to find what I needed.

https://www.amazon.com/gp/product/B07JNYBMZY/ref=sw_img_1?smid=&th=1

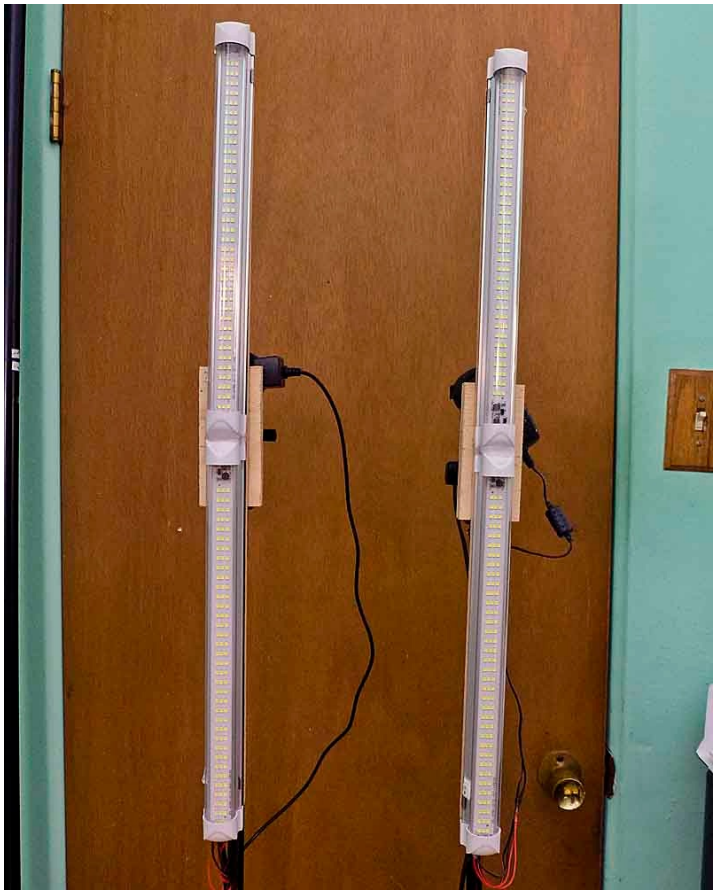
https://www.amazon.com/gp/product/B07JNYBMZY/ref=ppx_yo_dt_b_asin_image_o00_s00?ie=UTF8&th=1
MIHAZ Upgraded LED Interior Light Bar, 108LED 12V
Universal Light Strip with ON/Off Switch
12 Volt - D.C. Power Supply
NOT Included
(Make Your Own.)

The Two LED Strip Lights Can be Powered by
One 12 Volt D.C. / 1500 ma - Plug-In Supply
(*Remember to Connect in Parallel*.)

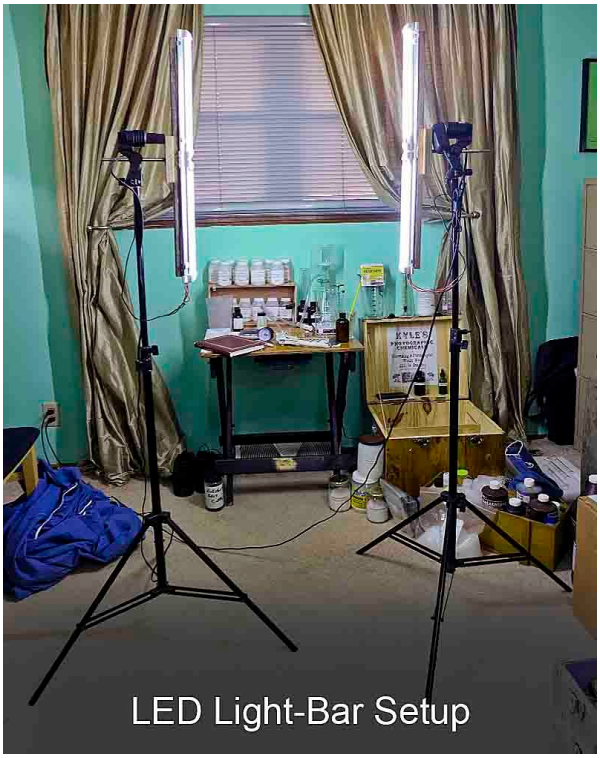
After the installation I found that these small strip lights would be very useful for a small studio setup. Their brightness looks very good for that purpose. So... Taking some unused "cheap" light stands that were doing nothing but taking up space in the closet -- and a few parts from the hardware store, I built two practical lighting arrangements.

I had to make a support for the two lights that I was going to glue together, and in the workshop I have a lot of scrap wood that I knew would do the job. I measured the lights after gluing them together and cut the wood supports. After that, I needed a 3/8" and 6" long blot to fit the "cheap" lighting stands, that would hold the light bars. After attaching these to the wood I glued everything together.

These light fixtures do NOT come with a power supply. I kept a few 12 Volt D.C. 1 amp to 2 amp small plug-in power "plugs" Which were from some electronic items and had failed - but the Power Supply was till working. I knew these would work well and good.



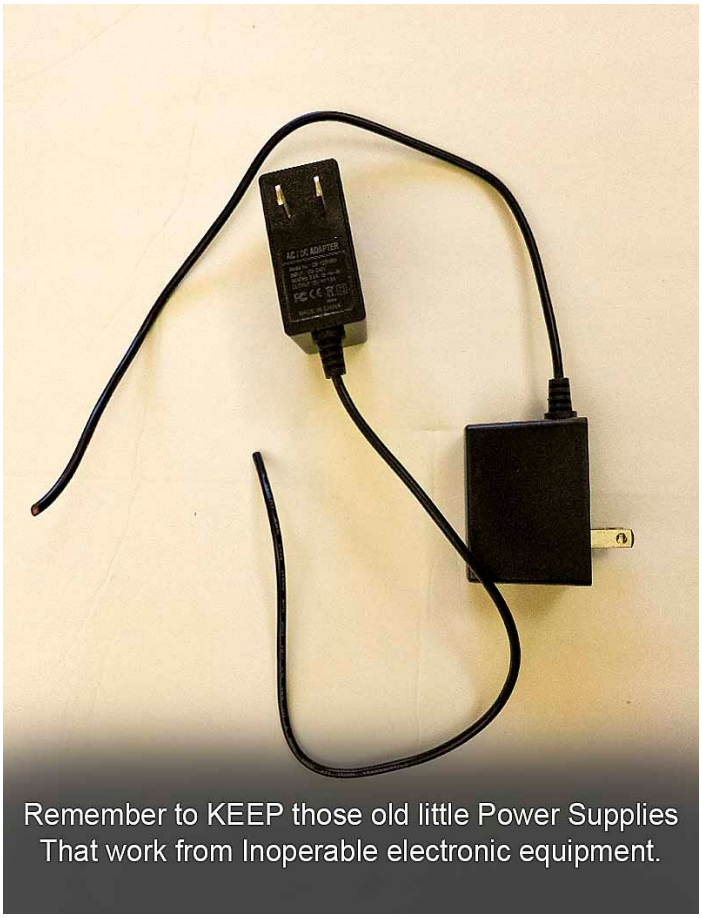
After mounting the lights on the “cheap” supports, I connected the power supplies to the “bulb-sockets” on the supports, and did a test - Simple really - I just flipped a switch.... On they came.



LED Light-Bar Setup

This build is very simple to understand. So IF you have a set of those “cheap” light stands, and they are taking up room somewhere - you can now put them to use.

It would be good to know that a little READING can help you though this. Particularly that of the electrical connections of the wires. Some little power supplies are with the common connection hook-up - i.e. RED is Positive and BLACK is negative. (That is in the U.S.A. - Other countries seemingly wanted to be different with their color-coding of a lot of electrical wiring. = (Good for them.) Just follow instructions that come with the LED lights and you will be OK with this. (You will NOT get shocked nor set fire to your house. It’s only 12 Volts.) Just be sure that you get the polarity correct.


Remember to KEEP those old little Power Supplies
That work from Inoperable electronic equipment.

I splice and solder my connections that I make with just about everything electronic. For this simple build - you do not have do to that. Only make sure that you do a good clean splice, and tape the bare wires - and thus - prevent them from touching each other.

To the right >>>------>

You see the simple test set-up I did for a Paper Negative still-life photograph.

This set-up worked very well. I am very confident that digital would be really good, and the shutter timing will be quite less of a time to expose.

Thank you for reading.

James R. Kyle, Photographer - Saint Louis, Missouri, U.S. of A.